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APPLICANT : OJI PAPER CO LTD;

INVENTOR : IKEZAWA HIDEO;

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TITLE : INK JET RECORDING SHEET

ABSTRACT : PROBLEM TO BE SOLVED: To improve the water resistance of a coating film by a method wherein an undercoat layer, which contains water-insoluble resin, and an ink receiving layer, which contains synthetic amorphous silica and water-soluble resin and water-insoluble resin and water-soluble resin as binder, are provided on a support made of a resin film.

SOLUTION: An ink jet recording sheet is produced by providing a undercoat layer and an ink receiving layer. In this case, the undercoat layer contains water-insoluble resin, while the ink receiving layer contains synthetic amorphous silica and water-soluble resin and water-insoluble resin as binder. An the water- insoluble resin, one selected from the group consisting of an acrylic polymer and a vinyl acetate-based polymer is exemplified. The percentage of the water- insoluble resin included in the total solid amount of the binder including in the ink receiving layer is set to be 20-80 wt.%. The binder including in the ink receiving layer is set to be 30-100 pts.wt. to 100 pts.wt. of the synthetic amorphous silica.

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